

HARDWARE PERFORMANCE SHEET No. 16271

Identification and summary of test evidence to facilitate the inter-changeability of building hardware for application to fire resisting and/or smoke control doorsets and/or openable windows

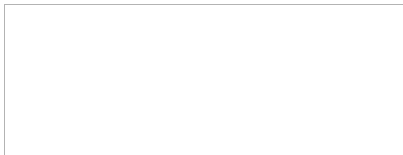
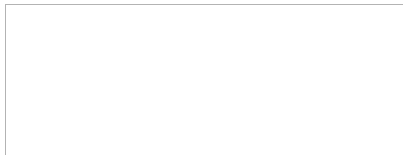
EN 16035:2012

A. BUILDING HARDWARE IDENTIFICATION

Position:	Declaration:	Required product information:	
1	Manufacturer:	Argent ALU nv Bankstraat 2 9770 Kruishoutem Belgium	
2	Manufacturer's product reference as shown in fire test evidence:	argenta® hinge 100/85 argenta® hinge 100/85A	
3	Type of building hardware:	hinge	
4	Relevant EN standard:	EN 1935:2002/AC:2003	
5	Classification (in accordance with relevant hardware product standard)	<u>Classification⁽¹⁾:</u> 3/7/4/1/1/*/0/11	<u>Characteristic:</u> Category of use / Durability test / Test door mass / Fire/smoke suitability / Safety / Corrosion resistance / Security / Hinge grade
6	Main dimensions:	<ul style="list-style-type: none"> - Material: aluminium; - Outer dimensions (height x width): 100 mm x 85 mm; - Knuckle diameter: 16 mm; - Blade thickness: 3.5 mm; - Pin diameter: 9 mm; - Fixing: with 4 screws per blade. 	
7	Remarks:	- Corrosion resistance: *depending on the finish	

B. TEST EVIDENCE USED

1	Material of doorset and/or openable window:	<input type="checkbox"/> steel doorset and/or openable window <input checked="" type="checkbox"/> timber doorset and/or openable window <input type="checkbox"/> aluminium doorset and/or openable window <input type="checkbox"/> other...
2	Mounting of building hardware:	<input type="checkbox"/> surface mounted, exposed to fire <input checked="" type="checkbox"/> surface mounted, not exposed to fire <input type="checkbox"/> mortice mounted, fire on ... side

3	Type of doorset and/or openable window:	<input checked="" type="checkbox"/> hinged				
		<input type="checkbox"/> pivoted				
		<input type="checkbox"/> sliding				
		<input checked="" type="checkbox"/> single leaf doorset				
		<input type="checkbox"/> double leaf doorset				
		<input type="checkbox"/> primary (active) leaf				
		<input type="checkbox"/> secondary (passive) leaf				
<input type="checkbox"/> other type...						
C. PERFORMANCE LEVELS						
	Performance	Fire resisting and/or smoke control doorset and/or openable window test evidence	Building hardware test evidence	Smoke control doorset and/or openable window test evidence	Durability of self-closing	
1	Test method:	<input checked="" type="checkbox"/> EN 1634-1	<input type="checkbox"/> EN 1634-2	<input type="checkbox"/> EN 1634-3	<input type="checkbox"/> EN 1191 <input type="checkbox"/> EN 12605	
2	Test report no.:	10100				
3	Test report issued by:	WFRGENT nv				
4	Classification:	EN 13501-2		EN 13501-2	EN 14600	
		E: 30 min EW: 30 min EI ₁ : 30 min EI ₂ : 30 min		<input type="checkbox"/> S _a <input type="checkbox"/> S _m	<input type="checkbox"/> C0 (nul) <input type="checkbox"/> C1 (500) <input type="checkbox"/> C2 (10.000) <input type="checkbox"/> C3 (50.000) <input type="checkbox"/> C4 (100.000) <input type="checkbox"/> C5 (200.000)	
5	Door leaf width:	830 mm				
6	Door leaf height:	2015 mm				
7	Door thickness:	40 mm				
8	Door leaf mass:	33,2 kg				
9	Restrictions:	Tested with three hinges per door leaf.				
10	Installation instructions:	The hardware shall be installed as tested and as indicated by the building hardware manufacturer's installation instructions.				
11	Certification body:					
12	Prepared by:	SIGNED	APPROVED			
						

⁽¹⁾ Information provided and under the responsibility of the manufacturer.